This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.      (Previously Presented) A method comprising:

continuously monitoring system calls made by an application, wherein the monitoring

includes continuously examining the system calls to determine whether such

system calls are executed properly;

detecting a failure in a system call made by the application; and

in response to the detecting of the failure in the system call, initiating a repair mechanism

to repair the application.

2.      (Cancelled)

3.      (Cancelled)

4.      (Previously Presented) The method of claim 1 further comprising configuring the device
to perform the monitoring from a location remote from the device.

5.      (Previously Presented) The method of claim 1 further comprising repairing the
application with the repair mechanism.

6.      (Previously Presented) The method of claim 5 further comprising restarting the
application after the repair mechanism repairs the application.

7.      (Original) The method of claim 1 in which a user of the device can determine the repair
mechanism.

8.      (Original) The method of claim 1 in which a user of the device can initiate the repair mechanism.

9.      (Previously Presented) The method of claim 1 further comprising searching a collection of data including a plurality of repair mechanisms and a plurality of applications associated with each of the plurality of repair mechanisms for a repair mechanism that is configured to repair the application.

10.     (Previously Presented) The method of claim 1 further comprising notifying a location remote from the device whether the repair mechanism successfully repaired the application.

11.     (Original) The method of claim 1 further comprising recording the detected failure in a collection of data at a location remote from the device.

12.     (Previously Presented) The method of claim 1 further comprising configuring a collection of data at a location remote from the device to include a plurality of repair mechanisms and a plurality of applications, each of the plurality of applications associated with a repair mechanism included in the plurality of repair mechanisms.

13.     (Original) The method of claim 12 further comprising transmitting the collection of data to the device.

14.     (Previously Presented) An article comprising:
        a machine-readable medium which contains machine-executable instructions, the instructions being executable to implement a method that comprises:

continuously monitoring system calls made by an application, wherein the monitoring includes continuously examining the system calls to determine whether such system calls are executed properly;

detecting a failure in a system call made by the application; and

in response to the detecting of the failure in the system call, initiating a repair mechanism to repair the application.

15.     (Cancelled)

16.     (Cancelled)

17.     (Previously Presented) The article of claim 14 further causing a machine to configure the device to perform the monitoring from a device at a location remote from the device.

18.     (Previously Presented) The article of claim 14 further causing a machine to repair the application with the repair mechanism.

19.     (Previously Presented) The article of claim 14 further causing a machine to restart the application after the repair mechanism repairs the failure.

20.     (Previously Presented) The article of claim 14 further causing a machine to search a collection of data including a plurality of repair mechanisms and a plurality of applications associated with each of the plurality of repair mechanisms for a repair mechanism that is configured to repair the application.

21.     (Previously Presented) The article of claim 14 further causing a machine to notify a location remote from the device whether the repair mechanism successfully repaired the application.

22.     (Original) The article of claim 14 further causing a machine to record the failure in a collection of data at a location remote from the device.

23.     (Currently Amended) A system comprising:

a first device configured to run an application;

a mechanism included in the first device and configured to ~~implement a method that comprises~~:

continuously monitoring system calls made by the application, wherein the monitoring includes continuously examining the system calls to determine whether such system calls are executed properly;

detecting a failure in a system call made by the application; and

in response to the detecting of the failure in the system call, initiating a repair mechanism to repair the application;

a second device configured to configure the mechanism and to provide the mechanism to the first device; and

a third device configured to track failures detected by the mechanism.

24.     (Previously Presented) The system of claim 23 in which the mechanism is also configured to search a collection of data including a plurality of repair mechanisms and a plurality of applications associated with each of the plurality of repair mechanisms for a repair mechanism that is configured to repair the application.

25.    (Original) The system of claim 24 in which the second device is also configured to configure the collection of data and to provide the collection of data to the first device.

26.    (Original) The system of claim 23 in which the second device is at a location remote from the first device.

27.    (Original) The system of claim 23 in which the third device is at a location remote from the first device.

28.    (Original) The system of claim 23 in which the mechanism is also configured to perform the repair with the repair mechanism.

29.    (Previously Presented) The system of claim 23 in which the mechanism is also configured to monitor the system calls made by the application.

30.    (Original) The system of claim 23 in which the third device is also configured to notify the second device of the failure.

31.    (Previously Presented) The method of claim 1 wherein the system calls are continuously monitored by splicing in a function that determines if an error occurred before the system call is actually placed.

32.    (Previously Presented) The article of claim 14 wherein the system calls are continuously monitored by splicing in a function that determines if an error occurred before the system call is actually placed.

33.    (Previously Presented) The system of claim 23 wherein the system calls are continuously monitored by splicing in a function that determines if an error occurred before the system call is actually placed.

34.    (New) The method of claim 1 further comprising the step of determining when a previous attempt to repair the application was made.